

## Report of Analysis

|                    |                          |                 |        |
|--------------------|--------------------------|-----------------|--------|
| Client:            | HDR, Inc.                | Date Collected: |        |
| Project:           | PVWC Linear Construction | Date Received:  |        |
| Client Sample ID:  | B4-0.0-0.5-20251114MS    | SDG No.:        | Q3649  |
| Lab Sample ID:     | Q3649-06MS               | Matrix:         | Solid  |
| Analytical Method: | NJEPH                    | % Solid:        | 91.4   |
| Sample Wt/Vol:     | 30.01 g                  | Test:           | EPH_NF |
| Prep Method :      |                          |                 |        |
|                    | Final Vol: 2000 uL       |                 |        |
|                    | Prep Date : 11/17/25     |                 |        |

| CAS Number         | Parameter          | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Datafile   | Date Ana.      | Prep BatchID |
|--------------------|--------------------|-------|------|----|------|------------|-------|------------|----------------|--------------|
| <b>TARGETS</b>     |                    |       |      |    |      |            |       |            |                |              |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 72.2  | E    | 1  | 1.29 | 2.19       | mg/kg | FE056885.D | 11/17/25 22:12 | PB170578     |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 73.2  |      | 1  | 1.00 | 4.37       | mg/kg | FE056885.D | 11/17/25 22:12 | PB170578     |
| Total AliphaticEPH | Total AliphaticEPH | 145   |      |    | 2.29 | 6.56       | mg/kg |            |                |              |
| Total EPH          | Total EPH          | 145   |      |    | 2.29 | 6.56       | mg/kg |            |                |              |

\* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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| Client Sample ID:  | B4-0.0-0.5-20251114MS    | SDG No.:        | Q3649    |
| Lab Sample ID:     | Q3649-06MS               | Matrix:         | Solid    |
| Analytical Method: | NJEPH                    | % Solid:        | 91.4     |
| Sample Wt/Vol:     | 30.01 g                  | Final Vol:      | 2000 uL  |
| Prep Method :      |                          | Prep Date       | 11/17/25 |
|                    |                          | Test:           | EPH_NF   |

| CAS Number        | Parameter                 | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana. | Prep BatchID |
|-------------------|---------------------------|-------|------|----|----------|------------|---------|-----------|--------------|
| <b>TARGETS</b>    |                           |       |      |    |          |            |         |           |              |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 73.2  |      | 1  | 1.00     | 4.37       | mg/kg   | 11/17/25  | PB170578     |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 72.2  | E    | 1  | 1.29     | 2.19       | mg/kg   | 11/17/25  | PB170578     |
| <b>SURROGATES</b> |                           |       |      |    |          |            |         |           |              |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 36.0  |      |    | 40 - 140 | 72%        | SPK: 50 |           |              |
| 84-15-1           | ortho-Terphenyl (SURR)    | 41.6  |      |    | 40 - 140 | 83%        | SPK: 50 |           |              |

## Quantitation Report For Aliphatic EPH Range.

|                   |                       |                    |                   |
|-------------------|-----------------------|--------------------|-------------------|
| Lab Sample ID:    | Q3649-06MS            | Acq On:            | 17 Nov 2025 22:12 |
| Client Sample ID: | B4-0.0-0.5-20251114MS | Operator:          | YP\AJ             |
| Data file:        | FE056885.D            | Misc:              |                   |
| Instrument:       | FID_E                 | ALS Vial:          | 28                |
| Dilution Factor:  | 1                     | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response  | Conc    | highest_standard | Units |
|---------------------------|--------|--------|-----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.213  | 6.836  | 24943734  | 145.731 | 300              | ug/ml |
| Aliphatic C12-C16         | 6.837  | 10.281 | 50922461  | 284.874 | 200              | ug/ml |
| Aliphatic C16-C21         | 10.282 | 13.655 | 48863751  | 261.996 | 300              | ug/ml |
| Aliphatic C21-C28         | 13.656 | 17.323 | 59893085  | 310.703 | 400              | ug/ml |
| Aliphatic C28-C40         | 17.324 | 22.257 | 157820217 | 990.62  | 600              | ug/ml |
| Aliphatic EPH             | 3.213  | 22.257 | 342443248 | 1990    |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.953 | 11.953 | 8698514   | 41.64   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.389 | 13.389 | 5807550   | 36.05   |                  | ug/ml |
| Aliphatic C9-C28          | 3.213  | 17.323 | 184623031 | 1000    | 1200             | ug/ml |